



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/534,067	01/17/2006	Manxia Tie	C3110.0001	2699
32172 7590 07/02/2010 DICKSTEIN SHAPIRO LLP 1633 Broadway NEW YORK, NY 10019				
EXAMINER				
AVERY, JEREMIAH L				
ART UNIT		PAPER NUMBER		
2431				
MAIL DATE		DELIVERY MODE		
07/02/2010		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

**Advisory Action
Before the Filing of an Appeal Brief**

Application No. 10/534,067	Applicant(s) TIE ET AL.
Examiner JEREMIAH AVERY	Art Unit 2431

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 22 June 2010 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
(a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☐ They raise the issue of new matter (see NOTE below);
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
The status of the claim(s) is (or will be) as follows:
Claim(s) allowed: _____.
Claim(s) objected to: _____.
Claim(s) rejected: 1-27.
Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____.
13. ☐ Other: _____.

/William R. Korzuch/
Supervisory Patent Examiner, Art Unit 2431

/Jeremiah Avery/
Examiner, Art Unit 2431

Continuation of 11, does NOT place the application in condition for allowance because: The Applicant states that the claimed invention "achieves real-time authentication of the certificates not only regarding formality, but also validity when they are in use". However, this is not sufficiently found within the claim language. The Applicant also states that the "mutual authentication between MT and AP are achieved by the involvement of AS". However, the claim language states that "the authentication result of the Mobile Terminal (MT) certificate and the Access Point (AP) is returned to the Access Point (AP) and the Mobile Terminal (MT) to achieve direct two-way certificate authentication between said Mobile Terminal (MT) and Access Point (AP)". The claim language "direct two-way certificate authentication between said Mobile Terminal (MT) and Access Point (AP)" pertains to an authentication procedure occurring between those two entities after an authentication server conducts an earlier authentication procedure, without further activity on the part of the authentication server.

Hornak discloses a "certification authority" which pertains to the Applicant's "Authentication Server (AS)" that performs a certificate authentication procedure on, inter alia, a "client" (Applicant's "Mobile Terminal (MT)") and a "gateway" (Applicant's "Access Point (AP)"). This procedure (within page 5, paragraph 83 of Hornak: "CA 48 is accessible by the client 42, the origin server 44 and the gateway 46 for authentication of a certificate belonging to each of these parties") pertains to the Applicant's claim language of "a Mobile Terminal (MT) certificate and an Access Point (AP) certificate are transferred to an Authentication Server (AS) and are authenticated through the Authentication Server (AS)". Further, upon successful authentication occurring, another authentication procedure commences between the two entities separately (page 6, paragraph 110, "a protocol handshake is executed between the client 42 and the gateway 46"); thus disclosing the Applicant's "direct two-way certificate authentication".